

MR# 338365

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September 19, 2011



Via Federal Express

United States Environmental Protection Agency - East
Attn: TSCA Section 8(e) / Room 6428
1201 Constitution Avenue, NW
Washington, DC 20004

Subject: Notice in Accordance with TSCA Section 8(e): Results of a Toxicity Study on the Growth of Green Alga (*Pseudokirchneriella Subcapitata*) with the Tankmix: (Substance 1) [REDACTED] and (Substance 2) [REDACTED] and (Substance 3) [REDACTED]

Dear Sir/Madam:

[REDACTED] is submitting results of a Toxicity Study on the Growth of Green Alga (*Pseudokirchneriella Subcapitata*) with the Tankmix: (Substance 1) [REDACTED] and (Substance 2) [REDACTED] and (Substance 3) [REDACTED] conducted by [REDACTED]. The substances are formulations.

The test was conducted in a static system over 3 days according to the OECD Guideline for Testing of Chemicals, No. 201 (March 2006): Freshwater Alga and Cyanobacteria, Growth Inhibition Test and OPPTS-guideline 850.5400.

The following nominal concentrations (sum of both formulations) were tested: control, 25, 75, 225, 675, 2025 and 6075 µg/L (sum of both formulations), corresponding to 10, 30, 90, 270, 810 and 2430 µg/L of (Substance 1) and (Substance 2) 15, 45, 135, 405, 1215 and 3645 µg/L of (Substance 3). All test solutions were visibly clear over the entire exposure period.

Analyses of the test item were performed.



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The following effect concentrations were obtained based on nominal test concentrations:

Parameter	Endpoint	Result* (based on nominal concentration)	95%-confidence limits
Growth rate (frond number)	EC ₅₀ (7d)	6202 µg/L (sum of formulations) 2481 µg/L (Substance 1 & 2) 3721 µg/L (Substance 3)	extrapolated values
	EC ₁₀ (7d)	95 µg/L (sum of formulations) 38 µg/L (Substance 1 & 2) 57 µg/L (Substance 3)	51 – 150 µg/L
Yield (frond number)	EC ₅₀ (7d)	227 µg/L (sum of formulations) 91 µg/L (Substance 1 & 2) 136 µg/L (Substance 3)	176 – 293 µg/L
	EC ₁₀ (7d)	49 µg/L (sum of formulations) 20 µg/L (Substance 1 & 2) 30 µg/L (Substance 3)	25 – 74 µg/L

Explanation:

EC_x is the (effective) concentration of the test item, which results in an X% reduction in growth relative to the control.

[REDACTED] understands that reporting of results from this study under TSCA 8(e) is in accordance with EPA's policy.

Please note that a confidential version of this letter is enclosed, treating the chemical identity and company identity as Confidential Business Information.

A Confidentiality Substantiation Questionnaire is being submitted.

Sincerely,

Enclosures